Homogeneity Results for U (PPM) in UTS-1

REQ.NO. 2-9146

HOMOGENEITY EVALUATION OF REFERENCE URANIUM TAILINGS
CONTRACT REPORT NO. OSQ 82-00153

BOTTLE	SUB-SAMPLE	FOUND	BOTTLE	SUB-SAMPLE	FOUND	BOTTLE	SUB-SAMPLE	FOUND	BOTTLE	SUB-SAMPLE	FOUND
40	1	54	301	1	53	562	1	50	823	1	49
	2	53		2	52		2	50		2	49
	3	48		3	50		3	54		3	47
127	1	47	388	1	49	649	1	51	910	1	52
	2	49		2	49		2	48		2	49
	3	51		3	48		3	48		3	49
214	1	51	475	1	52	736	1	50	997	1	52
	2	49		2	49		2	49		2	48
	3	48					3	51		3	48

16 pp

Homogeneity Results for U (PPM) in UTS-1

BOTTLE	SUB-SAMPLE	FOUND
1084	1	52
	2	49
	3	45
1171	1	48
	2	48
	3	49
1258	1	48
	2	43
	3	52

BOTTLE	SUB-SAMPLE	FOUND
1345	1	51
	2	51
	3	49
1432	1	50
	2	50
	3	53
1519	1	49
	2	47
	3	51

BOTTLE	SUB-SAMPLE	FOUND
1606	1	51
	2	47
	3	49

Homogeneity Results for ---------Fe---------in---------UTS-1---------

BOTTLE	SUB-SAMPLE	FOUND	BOTTLE	SUB-SAMPLE	FOUND	BOTTLE	SUB-SAMPLE	FOUND	BOTTLE	SUB-SAMPLE	FOUND
40	1	4.75	301	1	4.83	562	1	4.83	823	1	4.77
	2	4.74		2	4.82		2	4.83		2	4.83
	3	4.83		3	4.82		3	4.77		3	4.81
127	1	4.93	388	1	4.81	649	1	4.78	910	1	4.84
	2	4.75		2	4.75		2	4.85		2	4.86
	3	4.88		3	4.73		3	4.82		3	4.88
214	1	4.80	475	1	4.77	736	1	4.86	997	1	4.83
	2	4.80		2	4.76		2	4.81		2	4.82
	3	4.76		3	4.76		3	4.76		3	4.82

Homogeneity Results for ----------Fe----------in----------

BOTTLE	SUB-SAMPLE	FOUND
1084	1	4.79
	2	4.90
	3	4.90
1171	1	4.75
	2	4.77
	3	4.89
1258	1	4.86
	2	4.81
	3	4.77
1345	1	4.82
	2	4.80
	3	4.81
1432	1	4.78
	2	4.77
	3	4.78
1519	1	4.80
	2	4.78
	3	4.88
1606	1	4.83
	2	4.81
	3	4.87

Homogeneity Results for U (PPM) in UTS-2

BOTTLE	SUB-SAMPLE	FOUND	BOTTLE	SUB-SAMPLE	FOUND	BOTTLE	SUB-SAMPLE	FOUND	BOTTLE	SUB-SAMPLE	FOUND
72	1	53	333	1	55	594	1	56	855	1	55
	2	54		2	56		2	57		2	55
	3	55		3	54		3	55		3	57
159	1	52	420	1	55	681	1	55	942	1	57
	2	53		2	55		2	56		2	57
	3	56		3	55		3	55		3	55
246	1	50	507	1	57	768	1	54	1029	1	55
	2	57		2	57		2	55		2	56
	3	58		3	54		3	57		3	56

Homogeneity Results for ---------U (PPM) in UTS-2---------

BOTTLE	SUB-SAMPLE	FOUND
1116	1	55
	2	54
	3	55
1203	1	54
	2	56
	3	54
1290	1	54
	2	55
	3	57

BOTTLE	SUB-SAMPLE	FOUND
1377	1	56
	2	56
	3	55
1464	1	54
	2	57
	3	56
1551	1	56
	2	55
	3	57

BOTTLE	SUB-SAMPLE	FOUND
1638	1	56
	2	53
	3	54

Homogeneity Results for ---------Fe---------in---------UTS-2---------

BOTTLE	SUB-SAMPLE	FOUND	BOTTLE	SUB-SAMPLE	FOUND	BOTTLE	SUB-SAMPLE	FOUND	BOTTLE	SUB-SAMPLE	FOUND
72	1	3.05	333	1	3.07	594	1	3.09	855	1	3.09
	2	3.05		2	3.09		2	3.09		2	3.03
	3	3.14		3	3.14		3	3.05		3	3.04
159	1	3.08	420	1	3.11	681	1	3.03	942	1	3.10
	2	3.07		2	3.08		2	3.13		2	3.13
	3	3.15		3	3.01		3	3.05		3	3.19
246	1	3.09	507	1	3.04	768	1	3.04	1029	1	3.15
	2	3.12		2	3.05		2	3.08		2	3.15
	3	3.05		3	3.08		3	3.09		3	3.12

Homogeneity Results for ----------Fe----------in----------UTS-2

BOTTLE	SUB-SAMPLE	FOUND
1116	1	3.11
	2	3.10
	3	3.04
1203	1	3.10
	2	3.12
	3	3.11
1290	1	3.05
	2	3.16
	3	3.07

BOTTLE	SUB-SAMPLE	FOUND
1377	1	3.12
	2	3.07
	3	3.14
1464	1	3.06
	2	3.07
	3	3.10
1551	1	3.08
	2	3.13
	3	3.07

BOTTLE	SUB-SAMPLE	FOUND
1638	1	3.07
	2	3.04
	3	3.06

Homogeneity Results for ---------U (PPM) in UTS-3---------

BOTTLE	SUB-SAMPLE	FOUND	BOTTLE	SUB-SAMPLE	FOUND	BOTTLE	SUB-SAMPLE	FOUND	BOTTLE	SUB-SAMPLE	FOUND
43	1	513	304	1	521	565	1	515	826	1	517
	2	515		2	485		2	521		2	502
	3	519		3	494		3	497		3	497
130	1	517	391	1	507	652	1	516	913	1	511
	2	522		2	521		2	521		2	518
	3	527		3	520		3	513		3	515
217	1	513	478	1	506	739	1	517	1000	1	505
	2	500		2	513		2	510		2	518
	3	501		3	518		3	524		3	507

Homogeneity Results for ---------U (PPM) in--------- UTS-3

BOTTLE	SUB-SAMPLE	FOUND
1087	1	508
	2	504
	3	518
1174	1	517
	2	510
	3	511
1261	1	518
	2	514
	3	512

BOTTLE	SUB-SAMPLE	FOUND
1348	1	531
	2	513
	3	510
1435	1	513
	2	522
	3	521
1522	1	513
	2	497
	3	497

BOTTLE	SUB-SAMPLE	FOUND
1609	1	517
	2	525
	3	518

Homogeneity Results for ---------Fe---------in---------UTS-3

BOTTLE	SUB-SAMPLE	FOUND	BOTTLE	SUB-SAMPLE	FOUND	BOTTLE	SUB-SAMPLE	FOUND	BOTTLE	SUB-SAMPLE	FOUND
43	1	3.15	304	1	3.07	565	1	3.06	826	1	3.15
	2	3.17		2	3.10		2	3.05		2	3.11
	3	3.18		3	3.11		3	3.08		3	3.15
130	1	3.20	391	1	3.13	652	1	3.09	913	1	3.13
	2	3.15		2	3.07		2	3.08		2	3.15
	3	3.11		3	3.14		3	3.06		3	3.15
217	1	3.16	478	1	3.10	739	1	3.20	1000	1	3.19
	2	3.10		2	3.05		2	3.20		2	3.15
	3	[illegible]		3	[illegible]		3	3.13		3	3.10

Homogeneity Results for ---------Fe---------in---------UTS-3

BOTTLE	SUB-SAMPLE	FOUND
1087	1	3.06
	2	3.16
	3	3.14
1174	1	3.09
	2	3.11
	3	3.14
1261	1	3.10
	2	3.06
	3	3.10
1348	1	3.12
	2	3.19
	3	3.16
1435	1	3.14
	2	3.07
	3	3.10
1522	1	3.13
	2	3.15
	3	3.13
1609	1	3.13
	2	3.10
	3	3.10

Homogeneity Results for [illegible] 4

TTLE	SUB-SAMPLE	FOUND	BOTTLE	SUB-SAMPLE	FOUND	BOTTLE	SUB-SAMPLE	FOUND	BOTTLE	SUB-SAMPLE	FOUND
51	1	1079	255	1	1063	459	1	1060	663	1	1060
	2	1076		2	1055		2	1060		2	1075
	3	1057		3	1054		3	1077		3	1036
119	1	1057	323	1	1019	527	1	1092	731	1	1076
	2	1069		2	1051		2	1065		2	1064
	3	1056		3	1063		3	1078		3	1066
187	1	1068	391	1	1064	595	1	1060	799	1	1067
	2	1069		2	1065		2	1082		2	1045
	3	1076		3	1048		3	1065		3	1066

OTTLE	SUB-SAMPLE	FOUND
867	1	1045
	2	1060
	3	1063
935	1	1064
	2	1066
	3	1068
1003	1	1063
	2	1072
	3	1058

BOTTLE	SUB-SAMPLE	FOUND
1071	1	1075
	2	1051
	3	1078
1139	1	1070
	2	1069
	3	1065
1207	1	1071
	2	1056
	3	1065

BOTTLE	SUB-SAMPLE	FOUND
1275	1	1062
	2	1059
	3	1043

Homogeneity Results for ---------Fe---------in---------UTS-4---

BOTTLE	SUB-SAMPLE	FOUND	BOTTLE	SUB-SAMPLE	FOUND	BOTTLE	SUB-SAMPLE	FOUND	BOTTLE	SUB-SAMPLE	FOUND
51	1	2.64	255	1	2.57	459	1	2.56	663	1	2.59
	2	2.61		2	2.59		2	2.55		2	2.61
	3	2.63		3	2.60		3	2.59		3	2.62
119	1	2.63	323	1	2.58	527	1	2.58	731	1	2.59
	2	2.61		2	2.59		2	2.57		2	2.61
	3	2.58		3	2.55		3	2.59		3	2.63
187	1	2.62	391	1	2.58	595	1	2.55	799	1	2.63
	2	2.62		2	2.60		2	2.58		2	2.61
	3	2.60		3	2.58		3	2.60		3	2.61

Homogeneity Results for ----------in---------

BOTTLE	SUB-SAMPLE	FOUND
867	1	2.64
	2	2.62
	3	2.60
935	1	2.65
	2	2.60
	3	2.58
1003	1	2.59
	2	2.60
	3	2.57

BOTTLE	SUB-SAMPLE	FOUND
1071	1	2.59
	2	2.61
	3	2.62
1139	1	2.61
	2	2.63
	3	2.63
1207	1	2.61
	2	2.58
	3	2.58

BOTTLE	SUB-SAMPLE	FOUND
1275	1	2.61
	2	2.61
	3	2.64